1.11 R	WITH CONDITION INDICATOR	26	Hub or disk
1.11 W	.Wear	27	Pivoted wheel
1.11 L	Electrical	28	.Clasp
1.11 E	.Electrical	29	.Top shoes
1.12	TO RETARD ROLLING OF CASTER	30	.One-way
2 R	VEHICLE	31	.Positive lock
2 R	.Train	32	.On ground
3 H	Fluid pressure vehicle	33	.Railway
4 R		34	Train
4 B	Rotary brake member	35	Wheel and rail
5	Rotary brake member .Ground-engaging	36	Chock
6	Spraq	37	Roller shoe
7	Anchors	38	Track
8	Sled	38.5	Plural abutments selectively
9			engageable by vehicle-carried
10	.Wagon Four-wheel		means, e.g., car spotter
11	Divided beam	39	Rotary shoe
12	***= **= *** **************************	40	Slot
	Running gear support	41	Rail
13	Divided beam	42	Carrier type
14	Hayrack type	43	Grippers
15 16	Retreating shoe	44	Automatic
	.Independent wheel .Hub or disk	45	Wheel clamps
17	· · · · · · · · · · · · · · · · · ·	46	Equalizing series
18 R	Motor vehicle	47	Connected trucks
18 A	Disc brakes	48	Maximum traction type
19	Cart	49	Four wheel opposing
20	.Children's carriages	50	Open center
21	.Truck	51	Divided beam
22	Two-wheel	52	Four wheel spreading
23	Ground-engaging	53	Divided beam
24.11	.Velocipede (e.g., bicycle, etc.)	54	Locomotive type
24.12	Including mechanism for opposed	55	Mine car type
24 12	gripping of wheel rim or tire	56	Clasp
24.13	Wheel rim configured to	57	Top shoes
24 14	cooperate with components	58	Disk on axle
24.14	Having means to increase	59	Side shoes
	braking force (e.g., self-	60	Positive lock
24.15	energizing brake, etc.)Variable leverage actuator	61	One-way
24.15	_	62	On track
24.10	Plural brakes having common actuator	63	Catchers
24.17	Actuation controlled by back-	2 A	.Braking torque regulators
24.17	pedalling	2 D	.Bowdin wire-operated
24.18	With means to lock brake in	2 F	.Wheelchair brakes
21.10	actuated position	64	WHEEL AND STRAND
24.19	Having means to adjust spacing	65.1	STRAND
	between brake component and	65.2	.With attaching means
	wheel rim or tire	65.3	.Plural brakes
24.21	Having center-pull, cable-type	65.4	.Tortuous grip
	actuator for mechanism	65.5	Adjustable
24.22	Specific actuator element	67	ROD
	structure		WHEEL
25	Roller	68	.Frictional and positive

69	.Positive lock	73.43	Including actuator slidable in
70 R	.Axially and transversely movable	73.13	plane parallel to axis of
70 R	Self-energizing		rotation of wheel
70 5	.Axially movable brake element or	73.44	On axially extending pin
,	housing therefor	73.45	Plural pins
71.2	With clutch between load and	73.46	Including actuator fixed on
, 1 . 2	brake assemblage	, 5 , 10	torque member
71.3	Antipodal, relatively separable	73.47	Having closed loop type
71.5	brake elements	, 3 . 1 ,	housing
71.4	Annular elements	74	.Transversely movable
71.5	Plural rotating elements (e.g.,	75	Opposing
	"multidisc")	76	Rim grip
71.6	With means for cooling brake	77 R	Strap
71.7	With means to adjust for wear	77 W	Wrap band type
	of brake	78	Expanding
71.8	Self-adjusting means	79	Multiple sets
71.9	Including unidirectionally	323	Three shoes
	rotating screw	324	Rotary cam operatively
72.1	With means for actuating brake	321	abutting shoe ends
, 2 . 1	element	325	Two shoes
72.2	Self-force-increasing means	326	Operators at both ends of
72.3	And means for retracting brake	320	each shoe
72.5	element	327	Anchors adjacent unoperated
72.4	By fluid pressure piston	527	ends
72.5	Piston for each of plural	328	
72.5	elements	320	Common anchor pivot or abutment
72.6	And/or mechanical linkage	329	Rotary cam abutting shoe
72.7	By inclined surface (e.g.,		ends
. = • .	wedge, cam or screw)	330	Rotary cam abutting shoe
72.8	Screw or helical cam		ends
72.9	By pivoted lever	331	Adjacent ends operatively
73.1	Structure of brake element		connected and not anchored to
73.2	Circumferential or		support
, 3 • 2	circumferentially spaced	332	Rotary cam abutting shoe
73.31	Retainer for brake element		ends
73.32	Having means to facilitate	333	One end anchored
73.32	changing brake element	334	Anchors at alternate ends
73.33	By manipulation of brake	335	Radially guided shoe
73.33	actuator	336	Continuous split band
73.34	Pivotable actuator	337	Anchored intermediate ends
73.35	Having actuator and means to	338	Rotary cam operatively
13.33	prevent vibration thereof	330	abutting band ends
73.36	Including means to prevent	339	Rotary cam operatively
	vibration of brake element		abutting band ends
73.37	Having means to prevent	340	Lateral guide for shoe
	vibration of brake element	341	Anchor
73.38	Spring	342	Self-energizing
73.39	Including torque member	343	Wedge operator
	supporting brake element	79.51	Having wear take up or
73.41	Including actuator pivotable		compensating structure
	in plane parallel to axis of	79.52	Temperature responsive
	rotation of wheel	79.53	Feeler actuated
73.42	And slidable in that plane		

79.54	Actuated in conjunction with other braking element	266	INTERNAL-RESISTANCE MOTION RETARDER
79.55	Actuated by brake operating	267	.Using magnetic flux
	lever	267.1	.Electroviscous or
79.56	Having separate adjustment		electrorheological fluid
	actuator mechanism	267.2	.Magnetic fluid or material
79.57	Manually operated		(e.g., powder)
79.58	Brake operator length	266.1	.Motion damped from condition
	adjusted		(e.g., bump, speed change)
79.59	Mounted between shoe and a		detected outside of retarder
	support member	266.2	Condition actuates valve or
79.61	Causes direct, simultaneous		regulator
	adjustment of plural shoes	266.3	Of the rotary type
79.62	Located on or in an operator	266.4	Having plural openings
79.63	Mounted between shoe and a	266.5	Of the pulsating or
	support member		reciprocating type
79.64	Between plural supporting	266.6	Side mounted
	shoes	266.7	.Piezoelectric
80	.Rotary shoes	266.8	.With failure or malfunction
82.1	.One-way brakes		detection
82.2	Reversible	268	.Using yieldable or fluent solid
82.3	With disabler		or semisolid
82.34	Integral with engager	269	.Using diverse fluids
82.4	With hold out	270	.Operating against ambient
82.5	Combined or plural diverse		atmosphere
	types	271	.Combined with surface-friction
82.6	Biased flexible band	0.00	brake
82.7	Pivoting or flexing detent	272	.Combined with mechanism retarded
	(e.g., pawl)	0.00	by brake
82.74	Axially moving	273	Restricting exhaust from engine
82.77	On rotating member	274	.With heat exchanger
82.8	Dragged wedging member	275	.With fluid regulated in response
82.84	Rolling	276	to inertia of valve member
82.9	Axially moving	270	.With means compensating for change in temperature or
83	Continuous		viscosity
84	.Fixed brake	277	Thermostatic valve type
85	.Intermittent	277	Manually adjustable
371	PLASTIC DEFORMATION OR BREAKAGE	280	.Relative speed of thrust member
	OF RETARDER ELEMENT (E.G., IMPACT ABSORBER)	200	or fluid flow
372	.And subsequent reverse	281	Resistance alters relative to
3/4	deformation	201	direction of thrust member
373	.Element twisted		(e.g., high resistance in one
374	.Element extruded through or		direction, low in the other)
3/1	around tool	282.1	Via valved orifice in thrust
375	.Element severed by cutting tool		member
376	.Frangible element	282.2	Valve actuated by electrical
377	.Crushable element		system
378	INERTIA OF DAMPING MASS	282.3	System initiated by a
3,0	DISSIPATES MOTION (E.G.,		pressure change or feedback
	VIBRATION DAMPER)	282.4	System having distinct
379	.Resiliently supported damping		selections (e.g., hard,
-	mass		medium, soft)
380	Supported by mechanical spring	282.5	Flexible flap-type valve
			(e.g., compression washers)

282.6	<pre>Having flow passage, cutout, aperture, slot, etc.</pre>	305	Piston reciprocating along axis of oscillation
282.7	Ball-type valve	306	Arcuately oscillating thrust
282.8	Spring-loaded valve	300	member
		207	
282.9	Adjusting the tension via (a) compressing or expanding or	307	Resilient or radially urged vane
	(b) different strength springs	308	Causing fluid flow through hub
283	.Piston having a restrictable		of thrust
	opening (e.g., apertured	309	With manually adjusted valve
	plate) in a fixed volume	303	in hub
	chamber	210	
000 1		310	With means for manually
283.1	Vortex flow passages		adjusting fluid flow
284	.Position of thrust member	312	Having piston rod extending
	relative to chamber		through ends of chamber
285	Having a fluid flow passage	313	With valve controlling fluid
	adjusted manually (e.g.,		flow between chambers or
	threaded plug, threaded rod,		compartments of the chamber
	gearing)	314	With reservoir for fluid
286	Having aperture in chamber wall		Annular reservoir
287		315	
201	Plural, successively	316	Fluid through or around piston
	encountered apertures		within chamber
288	Having varying area of chamber	317	Via fixed or variable orifice
	passageway for thrust member		in piston
289	Having varying area of metering	318	And passage venting fluid
	rod extending through orifice		external to chamber
	in thrust member	319.1	Having an orifice adjustment
290	.Using a rotary-type fluid damper	317.1	
291	Including clutch		for both jounce or bound
			(compression) and rebound
292	Gear pump	319.2	Orifice size varied using a
293	Driving relatively moving		hand or hand tool
	element which causes flow of	320	Tortuous path orifice
	brake fluid	322.13	.Valve structure or location
294	With means for regulating	322.14	Foot valve
	movement of element	322.15	Piston valve detail (e.g., seat
295	Comprising rectilinearly	322.13	design, structural
	reciprocating piston		<u> </u>
296	Driving radial vanes which	200 16	arrangement, metering element)
290		322.16	.Including seal or guide
	cause toroidal flow of brake	322.17	Between piston rod and cylinder
	fluid	322.18	Between piston and cylinder
297	.Having a thrust member with a	322.19	.Cylinder structure
	variable volume chamber (e.g.,	322.2	Having connection for side-
	coaxial or telescoping tubes,		mounted valve type
	compensating reservoir)	322.21	Having means for filling or
298	Forming flexible wall enclosure	322.21	
	for fluid	200 00	recharging
301	Causing air suction in chamber	322.22	.Thrust member or piston
			structure
302	Rectilinear reciprocation of	322.12	.Including protective shield for
	piston caused by arcuately		retarder
	oscillating frame, shaft, arm,	321.11	.Including means connecting
	axle, etc.		thrust member to load
303	Pistons reciprocating	299.1	.Controlled by an operator (e.g.,
	oppositely in nonaligned	△ノフ・⊥	
	cylinders		vehicle driver) remote from
304	Dual pistons		retarder
501	zaar process	300	.With means for locking parts
			together temporarily

322.5	.Using viscosity of fluid medium	149	Drawbar
381	FRICTIONAL VIBRATION DAMPER	150	Speed-responsive
331	OPERATORS	140 A	Servo brake
105	.Multiple	151 R	.Fluid pressure
106 R	Vehicle	152	Road vehicle
100 K	Railway	344	Velocipede
107 106 F	Fluid and mechanical	345	With multiple master cylinders
106 F	Inside wheel	345	With friction drag response
106 A		347	With hydraulic quick-slack-
	Plural systems	347	
108	.Vehicle step	240	take-up pulsator
109	Seat	348	With power quick-slack-take-up
110	Automatic	349	With front rear brake
111	Vehicle	250	apportioner
111	Trips	350	With steering gear control
112 R	Train	351	With hydraulic automatic slack
112 A	Anti-sway control	250	adjuster
113	Four-wheel	352	With bleeding or filling
114	Hub	252	device
	Auxiliary mechanism on tongue	353	With hydraulic lock
115	Rear wheel	354	With independent wheel control
116	Divided beam	355	With nonmanual fluid-power
117	Front wheel		source
118	Divided beam	356	Vacuum power
	Movable tongue	357	And manual
119	Rising and falling	358	Liquid power
120	Rear wheel	359	And manual
121	Divided beam	360	And manual
122	Front wheel	361	Wheel brake operating assembly
123	Divided beam	362	With transversely movable
	Railway		internal brake
124	Train	363	Motor between shoe ends
125	Drawbar	364	Dual opposed piston motor
126	Speed-responsive	365	Radially acting motor
127	Strain release	366	Arcuate or annular motor
128	Sled	367	Axially acting
129	Rise and fall	368	Axially acting motor
130	Rotary	369	With axially movable brake
131	Turning		member
132	Horse pull	370	Spot type
134	Differential movement	153 R	Rail vehicle
135	Momentum	153 D	Diaphragm
136	Wedging shoe	153 A	Rim grip type
137	Electric control	154	Exhaust of propelling motor
138	Vehicle	151 A	Safety devices
139	Gravity control	155	.Fluid current
140 R	Vehicle	156	.Electric and mechanical
141	Fluid-pressure control	157	Electric motor on staff
142	Draft control	158	.Electric
143	Wheel and ground	159	Dynamic
144	Railway	160	Additional current
145	Winding	161	Electromagnet
145	Axle	162	Rotary motor
147	Train	163	Solenoid
147	Push rod	164	Magnetic circuit
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165	Pail annualing	206 D	Paralas allament
165	Rail-engaging	206 R	Brake element
166	.Spring	207	Beam
167	Vehicle	208	Road vehicle
168	Draft release	209	Brackets
169	Wagon	210	Safety
170	Fluid-pressure release	211	Locks
171	Electric release	212	Parallel motion
173	Vehicle	213	Multiple-point support
174	.Weight	214	Wear compensation
175	Draft control	215	Brake shoes
176	Vehicle body	206 A	Anchor
177	Inclined	205 A	Antirattler
178	Longitudinally movable	216	.Release mechanism
179	Float	217	.Brake-thrust distributors
	.Speed-responsive		ELEMENTS
180	Regulators	218 R	.Brake wheels
181 R	Vehicle	218 XL	Disk type
181 A	Acceleration responsive	218 A	Dust guard
181 C	Comparative	219.1	.Beams or beam assemblies
181 T	Torque-responsive	219.6	With movable, reversible or
182	Fluid and electric control		adjustable heads
184	Transversely expanding	220.1	Pivoted head
185	Radial	220.6	Lockingly adjustable
186	Transversely contracting	221.1	Yieldably readjustable
187	Axially moving	222.1	With fixed head or thrust block
188	Strand-engaging	222.6	Integral head and beam
189	Stops	223.1	Trussed beam
100			
	POSTTION ADTISTEDS	223 6	Head or block held by tension
190	POSITION ADJUSTERS Vehicle body movement	223.6	Head or block held by tension
190	.Vehicle body movement		element
191	.Vehicle body movementRadius rod	223.6 224.1	elementTension adjusted by terminal
191 192	.Vehicle body movementRadius rodTurning	224.1	<pre>elementTension adjusted by terminal nut</pre>
191 192 193	.Vehicle body movementRadius rodTurningRailway	224.1 225.6	<pre>elementTension adjusted by terminal nutTrussed beam</pre>
191 192 193 194	.Vehicle body movementRadius rodTurningRailwayPivoted wheel	224.1	<pre>elementTension adjusted by terminal nutTrussed beamIntegral tension and</pre>
191 192 193 194 195	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load	224.1 225.6 226.1	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression member
191 192 193 194 195 196 R	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .Slack	224.1 225.6 226.1 228.1	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression member
191 192 193 194 195 196 R 197	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway car	224.1 225.6 226.1	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross
191 192 193 194 195 196 R 197 198	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomatic	224.1 225.6 226.1 228.1 228.6	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression member
191 192 193 194 195 196 R 197 198	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutch	224.1 225.6 226.1 228.1 228.6 229.1	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrum
191 192 193 194 195 196 R 197 198 199 200	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet bar	224.1 225.6 226.1 228.1 228.6 229.1 229.6	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversible
191 192 193 194 195 196 R 197 198 199 200 201	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShims	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrum
191 192 193 194 195 196 R 197 198 199 200 201 201	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrew	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversible
191 192 193 194 195 196 R 197 198 199 200 201 202 203	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operated	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpaced
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluid	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guards
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operated	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluid	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombined	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fasteners
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional spring	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.7 234 235	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive type
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManual	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.7 234 235 236	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeads
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFriction	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guards
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P 196 B	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFrictionRatchet	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237 238	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guardsMultiple shoes
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P 196 B	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFrictionRatchetRotatable	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237 238 239	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guardsMultiple shoesSuperposed
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P 196 B 196 BA 196 D	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFrictionRatchetRotatableFrictional rotation	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237 238	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guardsMultiple shoes
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P 196 B 196 BA 196 D 196 V	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFrictionRatchetRotatableFrictional rotationScrew, shim or cam	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237 238 239	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guardsMultiple shoesSuperposed
191 192 193 194 195 196 R 197 198 199 200 201 202 203 196 A 196 C 196 F 196 M 196 P 196 BA 196 D 196 V 204 R	.Vehicle body movementRadius rodTurningRailwayPivoted wheel .Load .SlackRailway carAutomaticFriction clutchRatchet barShimsScrewFluid-operatedFluidCombinedTorsional springManualFrictionRatchetRotatableFrictional rotationScrew, shim or cam .Equalizers	224.1 225.6 226.1 228.1 228.6 229.1 229.6 231 232 233 233.3 233.7 234 235 236 237 238 239 240	elementTension adjusted by terminal nutTrussed beamIntegral tension and compression memberTubular compression memberH, I, L, T, U, V, or X cross section compression memberWith strut-type fulcrumReversibleWith fulcrumReversibleSpacedWith guides and/or guardsH, I, L, T, U, V, or X cross section beam .Shoe fastenersLocomotive typeHeadsCombined wheel guardsMultiple shoesSuperposedLinear arrangement

243		Longitudinal key			
244		Longitudinal insertion	DI	GEST	<u>s</u>
245		Side insertion			
246		Clamps	DI	IG 1	PANIC BRAKING
247		Shoe-back lugs	DI	IG 2	HILL HOLDER
248		Cast in			PROGRESSIVE BRAKING
249		Flexible shoes			
250		.Shoes			
		Composite			
252		Flanged			
253		Recessed			
254		Shells			
255		Cast metal matrix			
256		Nonmetallic inserts			
257		Faces			
258		Backs			
259		Flexible			
		Materials			
		MaterialsMetallic surfaces			
		Metallic surfacesChills			
261		Recessed			
		Rotary			
		Transversely expandable			
		One-piece			
		Multiple web			
		Web and flange connections			
250	E				
		dampers			
250		Anchor and operator fittings			
250		Surfaces and fasteners			
250	В	Shoe construction			
264		.Cooling and lubricating			
264		Air-cooled, axially engaging			
		Auto wheel type			
		Lubrication			
264	D	Liquid cool			
264	E	Wet friction surface and			
		internal resistance			
264	F	Operating fluid cooling			
264	CC	Contained coolant			
264	G	Insulators			
264	P	With pump			
264	W	External wheel covers			
265		.Locks			
382		MISCELLANEOUS			

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